

PTO-1449 REPRODUCED

ATTORNEY DOCKET NO.
2719.2019-001

APPLICATION NO.
09/862,571

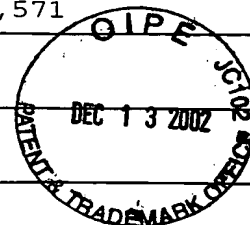
**INFORMATION DISCLOSURE CITATION
IN AN APPLICATION**

June 19, 2002

(Use several sheets if necessary)

APPLICANT
Glenn McGall, et al.

FILING DATE
May 21, 2001

GROUP
1631

U.S. PATENT DOCUMENTS

EXAM- INER INI- TIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE IF APPROPRIATE
ms	AA	5,143,854	Sep 01, 1992	Pirrung, et al.			
	AB	5,242,974	Sep 07, 1993	Holmes			
	AC	5,252,743	Oct 12, 1993	Barrett, et al.			
	AD	5,264,565	Nov 23, 1993	England, et al.			
	AE	5,270,170	Dec 14, 1993	Schatz, et al.			
	AF	5,288,514	Feb 22, 1994	Ellman			
	AG	5,302,707	Apr 12, 1994	Campbell, et al.			
	AH	5,324,633	Jun 28, 1994	Fodor, et al.			
	AI	5,338,665	Aug 16, 1994	Schatz, et al.			
	AJ	5,359,115	Oct 25, 1994	Campbell, et al.			
ms	AK	5,362,899	Nov 8, 1994	Campbell			

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FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION YES NO
ms	AL	WO89/10977	Nov 16, 1989	WIPO			
	AM	WO90/03382	Apr 05, 1990	WIPO			
	AN	WO90/04652	May 03, 1990	WIPO			
	AO	WO90/15070	Dec 13, 1990	WIPO			
	AP	WO91/07087	May 30, 1991	WIPO			
	AQ	WO92/04470	Mar 19, 1992	WIPO			

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

	AR	Drmanac, R., et al., "Sequencing of Megabase Plus DNA by Hybridization: Theory of the Method," <i>Genomics</i> 4:114-128 (1989)
	AS	Fodor, et al., "Light-Directed, Spatially Addressable Parallel Chemical Synthesis", <i>Science</i> 251 (4995): 767-773 (1991)
	AT	Harrison, et al., "Capillary Electrophoresis and Sample Injection Systems Integrated on a Planar Glass Chip", <i>Anal. Chem.</i> 64:1926-1932 (1992)
ms	AU	Harrison, et al., "Micromachining a Miniaturized Capillary Electrophoresis-Based Chemical Analysis System on a Chip", <i>Science</i> 261: 895-897 (1993)

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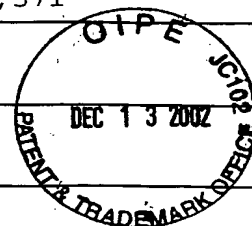
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EXAM- INER INI- TIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE IF APPROPRIATE
mm	AA2	5,384,261	Jan 24,1995	Winkler, et al.			
	AB2	5,405,783	Apr 11,1995	Pirrung, et al.			
	AC2	5,412,087	May 02,1995	McGall, et al.			
	AD2	5,420,328	May 30,1995	Campbell			
	AE2	5,424,186	Jun 13,1995	Fodor, et al.			
	AF2	5,427,908	Jun 27,1995	Dower, et al.			
	AG2	5,432,018	Jul 11,1995	Dower, et al.			
	AH2	5,436,327	Jul 25,1995	Southern, et al.			
	AI2	5,445,934	Aug 29,1995	Fodor, et al.			
	AJ2	5,451,683	Sep 19,1995	Barrett, et al.			
	AK2	5,482,867	Jan 09,1996	Barrett, et al.			

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		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION YES NO
	AL2	WO92/10092	May 25,1992	WIPO			
	AM2	WO92/10588	Jun 25,1992	WIPO			
	AN2	WO93/09668	May 27,1993	WIPO			
	AO2	WO93/10161	May 27,1993	WIPO			
	AP2	WO93/15224	Aug 05,1993	WIPO			
	AQ2	WO93/17126	Sep 02,1993	WIPO			

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	AV	Jacobson, et al., "Effects of Injection Schemes and Column Geometry on the Performance of Microchip Electrophoresis Devices", Anal. Chem., 66(7), 1107-1113, (1994)
	AW	Jacobson, et al., "High-Speed Separations on a Microchip", Anal. Chem. 66(7):1114-1118 (1994)
mm	AX	Khrapko, et al., "An Oligonucleotide Hybridization Approach to DNA Sequencing", FEBS Lett., 256 (1,2) 118-122 (1989)

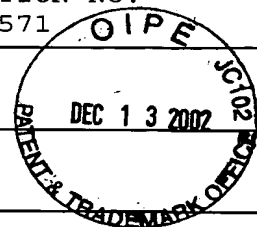
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PTO-1449 REPRODUCED INFORMATION DISCLOSURE CITATION IN AN APPLICATION June 19, 2002 (Use several sheets if necessary)				ATTORNEY DOCKET NO. 2719.2019-001		APPLICATION NO. 09/862,571	
				APPLICANT Glenn McGall, et al.			
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U.S. PATENT DOCUMENTS							
EXAM- INER INI- TIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE IF APPROPRIATE	
my	AA3	5,489,678	Feb 06, 1996	Fodor, et al.			
	AB3	5,491,074	Feb 13, 1996	Aldwin, et al.			
	AC3	5,492,806	Feb 20, 1996	Drmanac, et al.			
	AD3	5,498,530	Mar 12, 1996	Schatz, et al.			
	AE3	5,503,805	Apr 02, 1996	Sugarman, et al.			
	AF3	5,510,270	Apr 23, 1996	Fodor, et al.			
	AG3	5,525,464	Jun 11, 1996	Drmanac, et al.			
	AH3	5,527,670	Jun 18, 1996	Stanley			
	AI3	5,527,681	Jun 18, 1996	Holmes			
	AJ3	5,541,061	Jul 30, 1996	Fodor, et al.			
	AK3	5,545,531	Aug 13, 1996	Rava, et al.			
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DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION YES NO		
AL3	WO93/22694	Nov 11, 1993	WIPO				
AM3	WO94/10128	May 11, 1994	WIPO				
AN3	WO94/12305	Jun 09, 1994	WIPO				
AO3	WO94/28173	Dec 08, 1994	WIPO				
AP3	WO95/00530	Jan 05, 1995	WIPO				
AQ3	WO95/11995	May 04, 1995	WIPO				
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)							
AY	Lysov, et al., "A New Method for Determining the DNA Nucleotide Sequence by Hybridization with Oligonucleotide", Academy of Sciences of the USSR, Moscow, Plenum Publishing 303(6), 1508-1511, (1988)						
AZ	Manz, et al., "Miniaturized Total Chemical analysis Ssystems: a Novel Concept for Chemical Sensing", Sensors and Actuators, B1:244-248 (1990)						
AR2	Manz, et al., "Micromachining of Monocrystalline Silicon and Glass for Chemical analysis Systems, A Look Into Next Century's Technology or Just a Fashionable Craze?", Trends in Analytical Chemistry, 10 (5): 144-149 (1991)						
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				APPLICANT Glenn McGall, et al.			
				FILING DATE May 21, 2001		GROUP 1631	

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U.S. PATENT DOCUMENTS							
EXAM- INER INI- TIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE IF APPROPRIATE	
ms	AA4	5,547,839	Aug 20, 1996	Dower, et al.			
	AB4	5,550,215	Aug 27, 1996	Holmes			
	AC4	5,556,752	Sep 17, 1996	Lockhart, et al.			
	AD4	5,571,639	Nov 05, 1996	Hubbell, et al.			
	AE4	5,578,832	Nov 26, 1996	Trulson, et al.			
	AF4	5,593,839	Jan 14, 1997	Hubbell, et al.			
	AG4	5,599,695	Feb 04, 1997	Pease, et al.			
	AH4	5,607,832	Mar 04, 1997	Stanley, et al.			
	AI4	5,624,711	Apr 29, 1997	Sundberg, et al.			
	AJ4	5,631,734	May 20, 1997	Stern, et al.			
	AK4	5,667,667	Sep 16, 1997	Southern, et al.			

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DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION YES NO		
AL4	WO95/22058	Aug 17, 1995	WIPO				
AM4	WO95/25177	Sep 21, 1995	WIPO				
AN4	WO95/33846	Dec 14, 1995	WIPO				
AO4	WO97/10365	Mar 20, 1997	WIPO				
AP4	WO97/12063	Apr 03, 1997	WIPO				
AQ4	WO97/23357	Jan 23, 1997	WIPO				

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)	
AS2	Pease, A.C., et al., "Light-Generated Oligonucleotide Arrays for Rapid DNA Sequence Analysis", Proc. Nat'l Acad. Sci., 91:5022-5026 (1994)
AT2	Seiler, et al., "Planar Glass Chips for Capillary Electrophoresis: Repetitive Sample Injection, Quantitation, and Separation Efficiency", Anal. Chem. 65:1481-1488 (1993)
ms AU2	Seller, "Electroosmotic Pumping and Valveless Control of Fluid Flow Within a Manifold of Capillaries on a Glass Chip", Anal. Chem. 66:3485-3491 (1994)

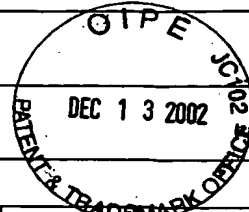
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ms	AA5	5,667,972	Sep 16,1997	Drmanac, et al.			
	AB5	5,677,195	Oct 14,1997	Winkler, et al.			
	AC5	5,688,642	Nov 18,1997	Chrissey, et al.			
	AD5	5,959,098	Sep 28,1999	Goldberg, et al.			
	AE5	6,015,880	Jan 18,2000	Baldeschwieler, et al.			
	AF5	6,083,697	Jul 4,2000	Beecher, et al.			
	AG5	6,228,575 B1	May 8,2001	Gingeras, et al.			
	AH5	5,658,734	Aug 19,1997	Brock, et al.			

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		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATIO N YES NO
	AL5	WO97/27317	Jul 31,1997	WIPO			
	AM5	WO97/29212	Aug 14,1997	WIPO			
	AN5	WO93/06121	Apr 01,1993	WIPO			
	AO5	EP0 742 287 A2	Nov 13,1996	EPO /			

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	AV2	Southern, et al., "Analyzing and Comparing Nucleic Acid Sequences by Hybridization to Arrays of Oligonucleotide: Evaluation Using Experimental Models", Genomics 13:1008-1017 (1992)					
	AX2	Thompson, L.F. et al., Introduction to Microlithography American Chemical Society, pp. 212-232 (1994)					
	AY2	Werner, "Size-Dependent Separation of Proteins Denatured in SDS by Capillary Electrophoresis Using a Replaceable Seiving Matrix", Analytical Biochemistry 212:253-258 (1993)					
	AZ2	Shchepinov, M.S., et al., "Hybridisation of Nucleic Acids to Oligonucleotide Arrays", Nucleic Acids Symposium Series No. 35 27-28 (1996).					
	AR3	Doudna, J.A., et al., "Chemical Synthesis of Oligoribonucleotides Containing 2-Aminopurine: Substrates for the Investigation of Ribozyme Function", J. Org. Chem. 55, 5547-5549 (1990)					
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